HEARING RESEARCH

Vol. 148, Nos. 1–2
October 2000

CONTENTS

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update

Research Papers

G. Balsamo, B. Avallone, F. Del Genio, S. Trapani and F. Marmo (Italy)
Calcification processes in the chick otoconia and calcium binding proteins: patterns of tetracycline incorporation and calbindin-D28K distribution 1

E. Emmerich, F. Richter, U. Reinhold, V. Linss and W. Linss (Germany)
Effects of industrial noise exposure on distortion product otoacoustic emissions (DPOAEs) and hair cell loss of the cochlea – long term experiments in awake guinea pigs 9

J.J. Briaire and J.H.M. Frijns (The Netherlands)
Field patterns in a 3D tapered spiral model of the electrically stimulated cochlea 18

L.F. Hao and S.M. Khanna (USA)
Mechanical nonlinearity in the apical turn of the guinea pig organ of Corti 31

L.F. Hao and S.M. Khanna (USA)
Vibrations of the guinea pig organ of Corti in the apical turn 47

J.I. Alcántara, B.C.J. Moore and D.A. Vickers (UK)
The relative role of beats and combination tones in determining the shapes of masking patterns at 2 kHz: I. Normal-hearing listeners 63

B.J. May (USA)
Role of the dorsal cochlear nucleus in the sound localization behavior of cats 74

S.T. Goverts, T. Houtgast and H.H.M. van Beek (The Netherlands)
The precedence effect for lateralization at low sensation levels 88

H. Yoshikawa, J. Smurzynski and R. Probst (Japan, Switzerland)
Suppression of tone burst evoked otoacoustic emissions in relation to frequency separation 95

A. Klug, A. Khan, R.M. Burger, E.E. Bauer, L.M. Hurley, L. Yang, B. Grothe, M.B. Halvorsen and T.J. Park (Germany, USA)
Latency as a function of intensity in auditory neurons: influences of central processing 107

Y. Ota and D.F. Dolan (Japan, USA)
The effects of efferent activation on the acoustically and electrically evoked otoacoustic emission 124

K. Parham, G. Bonaiuto, S. Carlson, J.G. Turner, W.R. D'Angelo, L.S. Bross, A. Fox, J.F. Willott and D.O. Kim (USA)
Purkinje cell degeneration and control mice: responses of single units in the dorsal cochlear nucleus and the acoustic startle response 137

Contents continued on inside back cover

CONTENTS Direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0378-5955(200010)148:1/2;1-C

(Contents continued from back cover)

A. Engelien, M. Schulz, B. Ross, V. Arolt and C. Pantev (Germany, USA)
A combined functional in vivo measure for primary and secondary auditory cortices 153

R. Hallworth and R. F. Ludueña (USA)
Differential expression of β tubulin isotypes in the adult gerbil cochlea 161

G. Loquet, P. Campo, R. Lataye, B. Cossec and P. Bonnet (France)
Combined effects of exposure to styrene and ethanol on the auditory function in the rat 173

K.N. Alagramam, J. Zahorsky-Reeves, C.G. Wright, K.S. Pawlowski, L.C. Erway, L. Stubbs and R.P. Woychik (USA)
Neuroepithelial defects of the inner ear in a new allele of the mouse mutation Ames waltzer 181

E.M. Keithley, T. Truong, B. Chandronait and P.B. Billings (USA)
Immunohistochemistry and microwave decalcification of human temporal bones 192

M. Sliwinska-Kowalska, A. Rzadzinska, U. Jedlinska and E. Rajkowska (Poland)
Hair cell regeneration in the chick basilar papilla after exposure to wide-band noise: evidence for ganglion cell involvement 197

N. Yoshida and M.C. Liberman (Japan, USA)
Sound conditioning reduces noise-induced permanent threshold shift in mice 213

Calendar of Events 220

Author Index Volume 148 221

Subject Index Volume 148 223

Instructions to Authors 226